

0 **1** **2** **3** **4** **5** **6** **7** **8** **9**

5 providing an item to a device having an application for engaging a repetitive activity with the provided item, wherein the repetitive activity occurs primarily during standalone operation of the device; generating a history of user interaction with the provided item, wherein user interaction includes engaging in the repetitive activity with the provided item; transforming the history of user interactions into an implicit rating of the provided item; and using the implicit rating of the provided item to generate recommendations of other items.